

DRRES CONTROL
JTGONGLTR NO.

DE ORDER #

EG&G ROCKY FLATS



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4-RF 02866

EG&G ROCKY FLATS, INC

ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966 7000

March 9, 1994

94-RF-02866

Jessie M Roberson
Acting Assistant Manager for
Environmental Restoration
DOE, RFO

SITEWIDE TREATABILITY STUDIES PLAN PROGRAM (STSP) - SGS-167-94

Ref J M Roberson ltr (02383) to S G Stiger, Sitewide Treatability Studies Plan Program,
March 7, 1994

EG&G Rocky Flats, Inc has reviewed the Department of Energy Rocky Flats Office (DOE, RFO) letter of March 7, 1994, requesting an explicit commitment from EG&G Rocky Flats for (1) completing specific treatability studies by November 12, 1994, (2) timely completion of setup of the 881 Sitewide Treatability Studies Program (STSP) laboratory and (3) a plan to improve communications with Environmental Protection Agency (EPA) and Colorado Department of Health (CDH) on the STSP

EG&G Rocky Flats is committed to the timely completion of the eight treatability studies requested by EPA and CDH in their letter of February 18, 1994 (attached) These treatability studies are required to support the remedy selection for OUs 1, 2, 3, 5, and 6 EPA and CDH requested that the following treatability studies be completed by the referenced date

Magnetic Separation
Chemically Enhanced Steam Stripping
Solvent Extraction
Physical Separation
Adsorption
Ion Exchange
TRU-Clear
Bioremediation
Solidification/Stabilization Workplan

EG&G Rocky Flats prepared the attached Table 6-1 for the Annual Treatability Studies Report that will be issued March 14, 1994 This table lists the status of each of the treatability study programs As indicated in the table, the majority of the treatability studies will be completed (i e bench-scale testing will be complete and preliminary results reviewed with the Agencies) by the November 12, 1994 date

The exceptions to this date follow

Chemically Enhanced Steam Stripping (CESS) will be conducted at Los Alamos National Laboratory (LANL) The target date for completion is November 12, 1994 A final date will be negotiated with LANL during contract negotiations

Solvent Extraction requires a "hot laboratory" EG&G and DOE/RFO are currently auditing four laboratories in the Denver/Fort Collins area which have an applicable Colorado Department of Public Health Radioactive Materials license Should the laboratories not require upgrading, the test program will be completed by November 12, 1994

ADMIN RECORD

A-0006 000014

DIST	LTR	BC
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ARMAN, H S		
ANCH, D B		
ARNIVAL, G J		
APP, R D		
AVIS, J G		
ARRERA, D W		
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ALY, T J		
DAHL, T		
BIG, J G		
ITCHINS, N M		
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KINSON, R B		
LIANS, S (ORC)		
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HORIZED CLASSIFIER SIGNATURE
CURRENT CLASSIFICATION
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CLASSIFICATION OFFICE

PLY TO RFP CC NO 02383
C902 RF94
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PARTIAL/OPEN
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APPROVALS
17-04
& TYPIST INITIALS

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March 9, 1994
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The setup of the treatability studies laboratory in Building 881 is underway (i.e. utility service for the ICP/MS equipment) The initial material was delivered to Building 881 on March 7, 1994. A "pre-evolution" evaluation was conducted on March 8, 1994, at which time any material deficiencies were identified and craft worker sequence was scheduled. Maintenance Planning and Scheduling (MP&S) will complete their schedule by March 11, 1994. Technology Development has tentatively scheduled the ICP/MS equipment vendor to complete final calibration and operational checkout of the equipment. This schedule will be confirmed the week of March 14, 1994, based on the MP&S schedule.

In order to improve communications, DOE/RFO and EG&G met with EPA and CDH and agreed to continue to hold quarterly meetings to present and discuss the status of various studies, as well as provide weekly highlights and/or monthly summaries of programs. In addition, when significant events affect current schedules, formal notification will take place requesting schedule extensions per Part 42 (Extensions) of the Interagency Agreement (IAG).

If you have any questions, please direct them to John Hopkins of Environmental Engineering & Technology at extension 8636.



S. G. Stiger
Associate General Manager
Environmental Restoration Management
EG&G Rocky Flats, Inc

JKH cb

Ong and 1 cc - J M Roberson

Attachments
As Stated

cc

A	Rampertaap	- DOE, RFO
R	J Schassburger	- DOE, RFO
M	N Silverman	- DOE, RFO
L	W Smith	- DOE, RFO

TABLE 6-1

SUBMITTAL DATES AND PROJECT SCHEDULE

Treatability Study	Workplan to RFO	Workplan to Agencies	Agency Approval of Workplans	STATUS			Report to Agencies	Comments
				Testing	Report to RFO	Completed		
Soil Washing NRT*	Jul 92	Jul 92	Yes	Aug 93	18 May 94		30 May 94	
TRUclean*	Nov 91	Feb 92	Feb 93	Sep 93	15 Apr 94		29 Apr 94	Revised schedule will be submitted after contract negotiation is completed
EPA SITE Demo	N/A	N/A	N/A	Sep 93			3 Oct 94	
Plasma Melter	N/A	N/A	N/A	Jan 94	30 May 94		13 Jun 94	Document to be issued by EPA SITE Program
Adsorption*	Jun 93	Yes	Yes	Jul 94	11 Oct 94		25 Oct 94	
Ion Exchange*	Jun 93	Yes	Yes	Aug 94	11 Oct 94		25 Oct 94	
TRUclean*	Feb 94	Open	Open	Aug 94	27 Oct 94		10 Nov 94	
Magnetic Separation*	Nov 91	Nov 91	Yes	Jul 94	1 Jul 94		15 Jul 94	
Chemically Enhanced Steam Stripping	Mar 94	Open	Open	Oct 94	21 Nov 94		8 Dec 94	Phase 1 (FY 94) Report
Bioremediation	Mar 94	Open	Open	Sep 94	17 Nov 94		1 Dec 94	Phase I and II
Solvent Extraction	Jul 94**	Open	Open	Oct 94	24 Nov 94		8 Dec 94	Schedule being developed
Physical Separation	Nov 91	Feb 92	Feb 93					Samples from TRUclean* to be resubmitted for metals analysis
Stabilization/Solidification	Sep 94							Workplan to cover four studies
Oxidation/Reduction*	Dec 91	Jan 92	Open	1995				
Ultra/Microfiltration*	N/A	N/A	N/A	1993				
Rad Discharge Control	Sep 91	Yes	Yes	Yearly	2 May 94		18 May 94	Revised Workplan to DOE/RFO Aug 94
Soil Washing LANL	N/A	N/A	N/A	1993	Yearly			Report to be issued by the USGS to DOE
Solar Detoxification	May 94	Open	Open	Apr 95	21 Mar 94		4 Apr 94	Phase III completed in Sep 94, results presented in Annual TS Report
* Original 13 TS					17 Jul 95		31 Jul 95	
** Tentative Date								
OUTSTANDING ISSUES								
a) Plasma Melter Issuance of EG&G Rocky Flats report to DOE/RFO delayed until approximately May 1994 when EG&G Idaho completes proprietary evaluation of Lockheed technology report for Pit 9 remediation program expected in April 1994								
NOTE This schedule is a draft schedule DOE/RFO EPA and CDH are negotiating the schedule for these treatability studies								